

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098641.D
 Acq On : 19 Sep 2017 15:06
 Operator : SJ/JU
 Sample : PB102381BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Quant Time: Sep 20 02:20:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112061	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	461446	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	211417	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	428107	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	356894	20.00	ng	-0.01
86) Perylene-d12	15.17	264	303709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	819751	108.16	ng	0.00
7) Phenol-d6	6.28	99	1025143	106.53	ng	-0.01
23) Nitrobenzene-d5	7.20	82	621585	75.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	198068	140.37	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1128236	90.45	ng	-0.01
78) Terphenyl-d14	12.73	244	1101350	66.61	ng	0.00

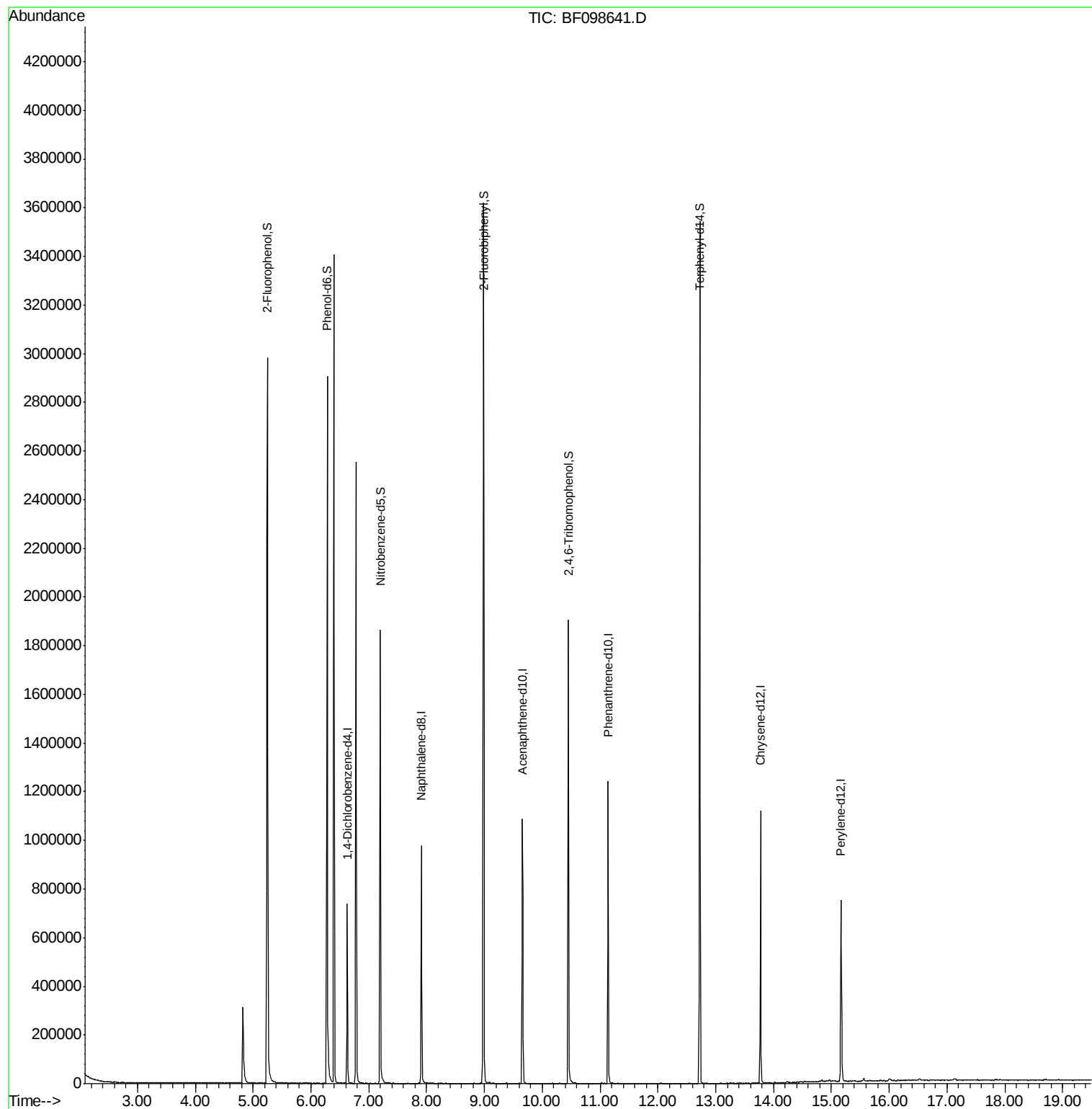
Target Compounds	Qvalue
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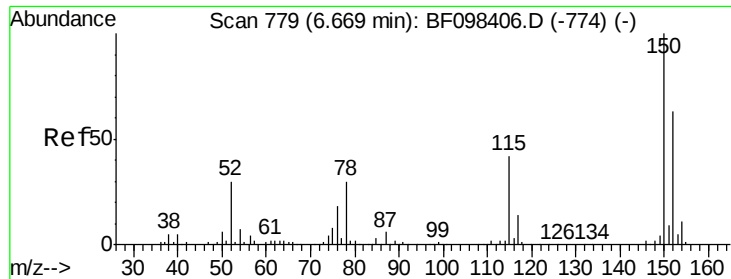
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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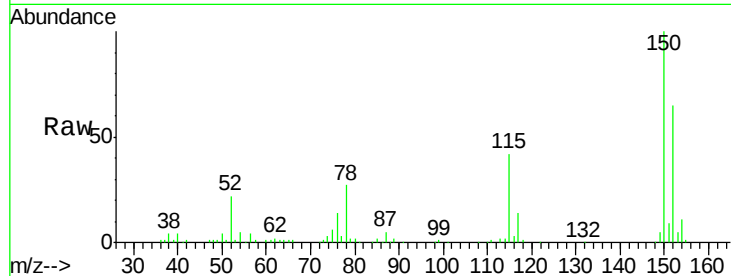


#1

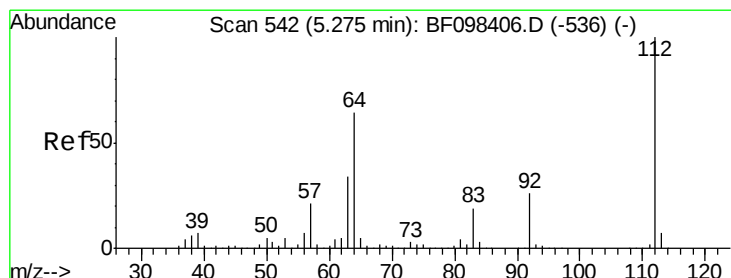
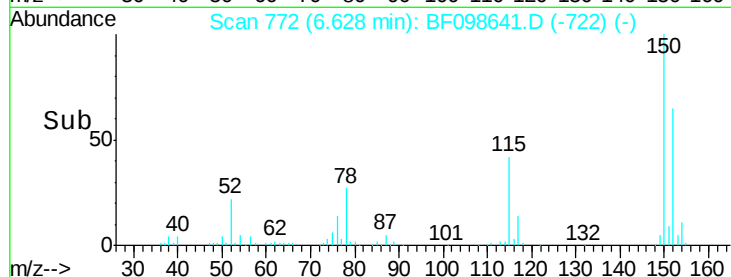
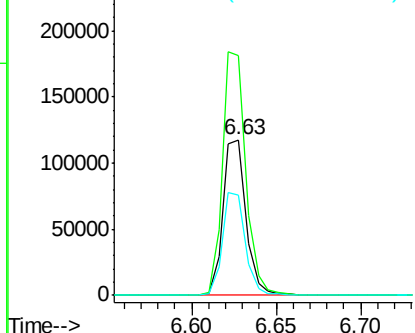
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Tgt Ion:152 Resp: 112061
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 64.2 52.2 78.2



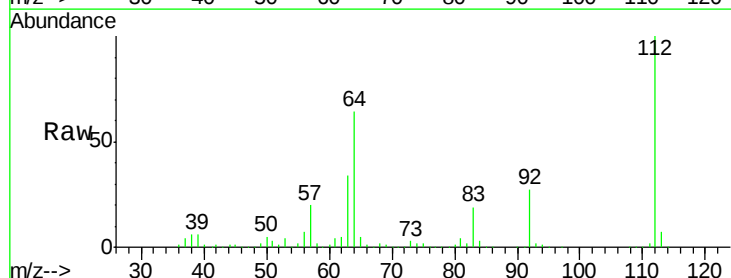
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



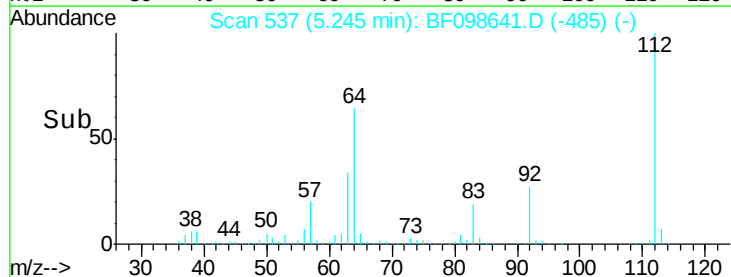
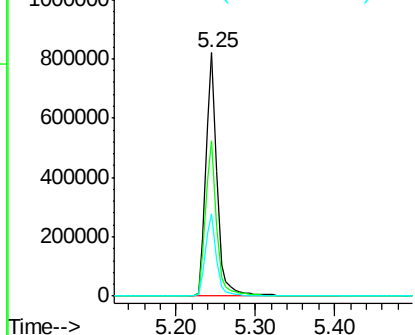
#5

2-Fluorophenol
Concen: 108.157 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Tgt Ion:112 Resp: 819751
Ion Ratio Lower Upper
112 100
64 63.7 46.0 69.0
63 33.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.529 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Instrument :

BNA_F

ClientSampleId :

PB102381BL

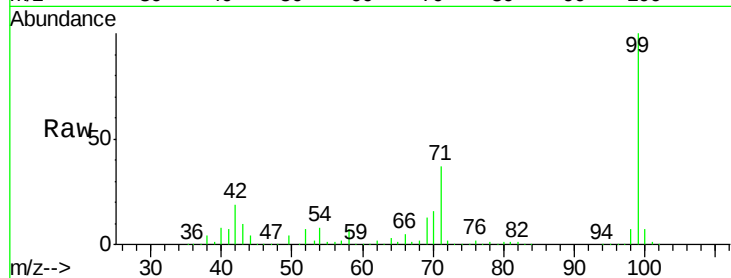
Tgt Ion: 99 Resp: 1025143

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

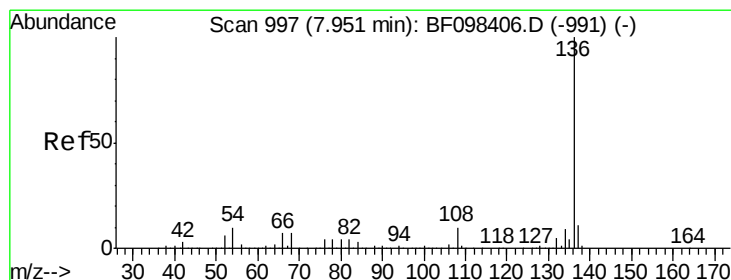
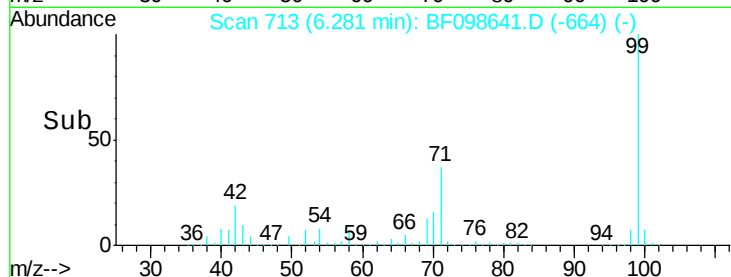
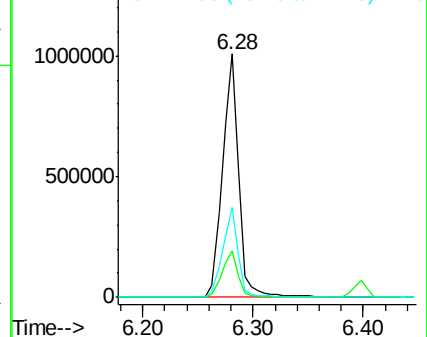
71 36.7 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Tgt Ion: 136 Resp: 461446

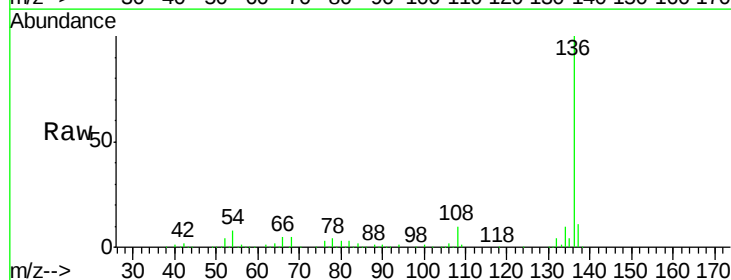
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.3 4.9 7.3#

68 5.1 4.1 6.1

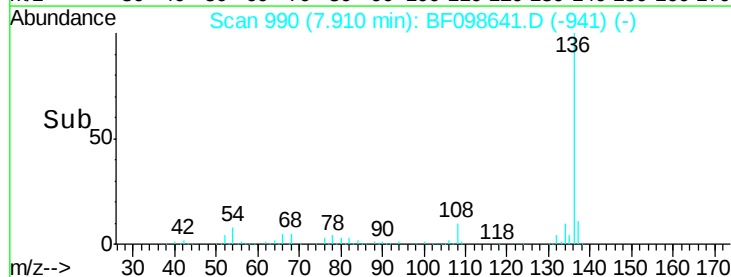
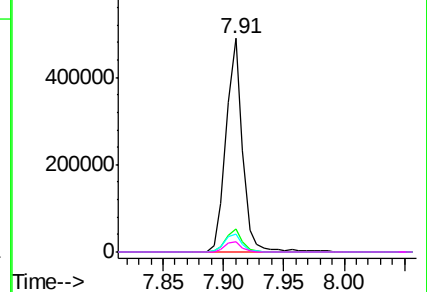


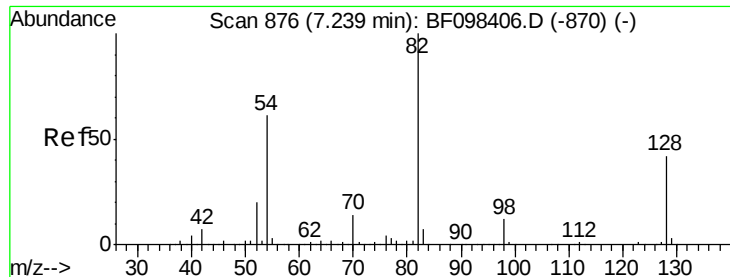
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

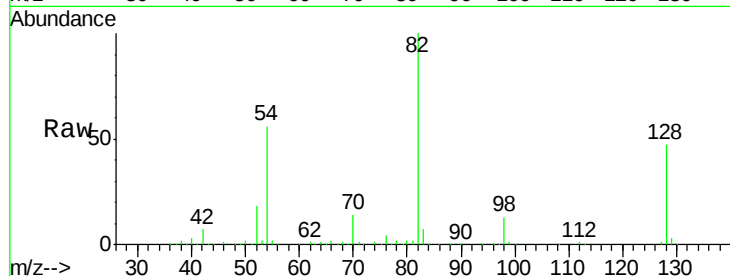




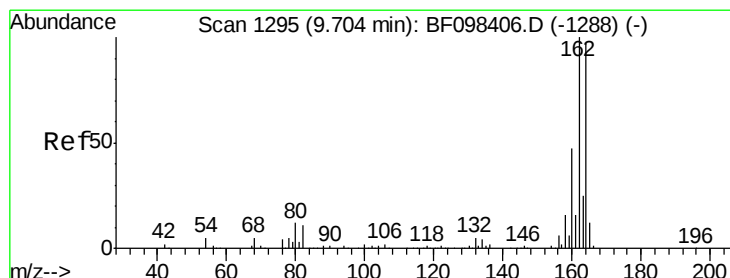
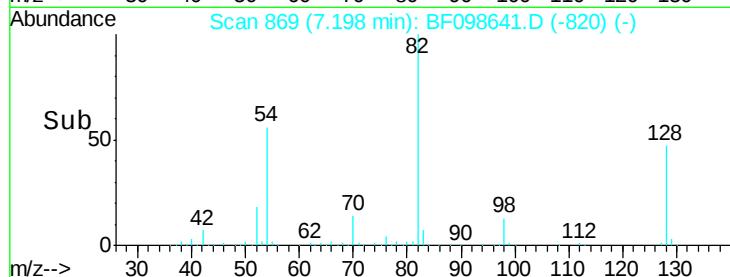
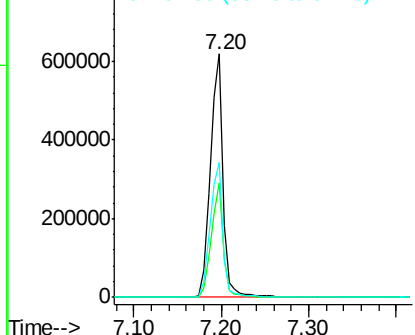
#23
 Nitrobenzene-d5
 Concen: 75.097 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Tgt Ion: 82 Resp: 621585
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 55.5 42.2 63.2

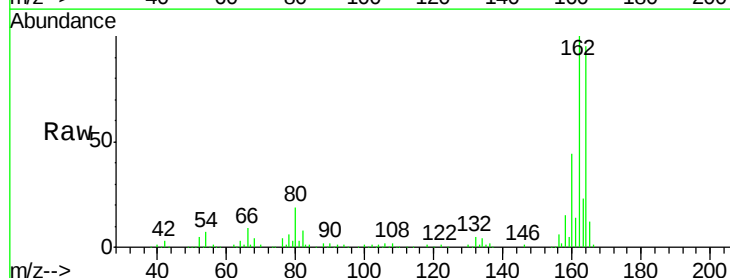


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

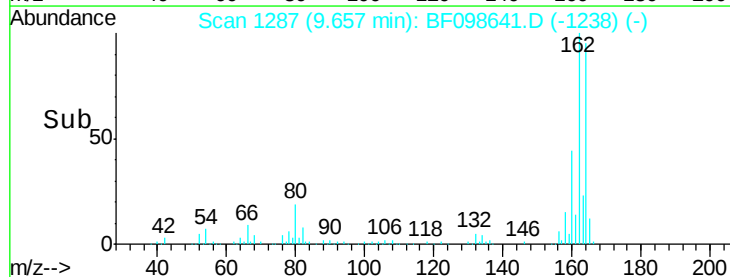
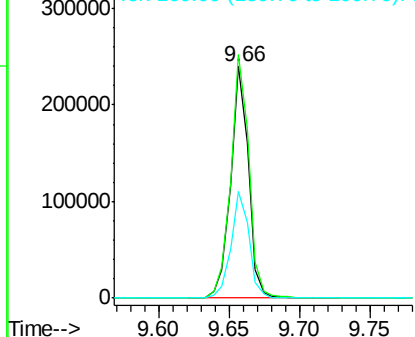


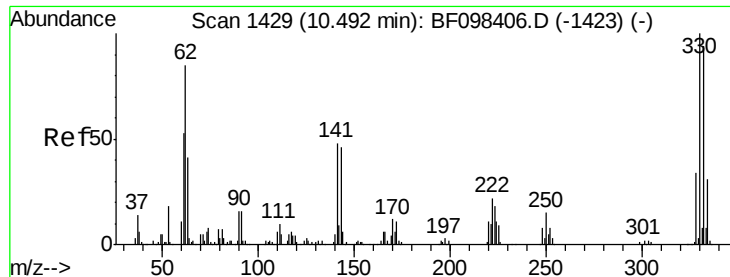
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Tgt Ion: 164 Resp: 211417
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 45.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

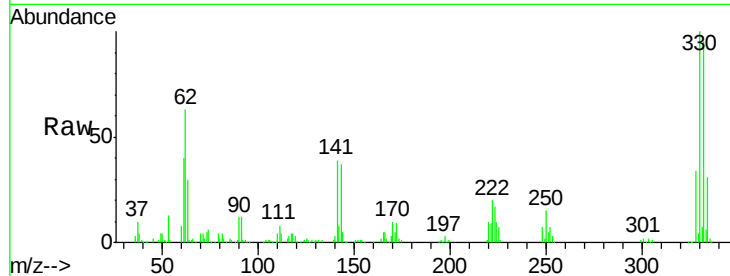




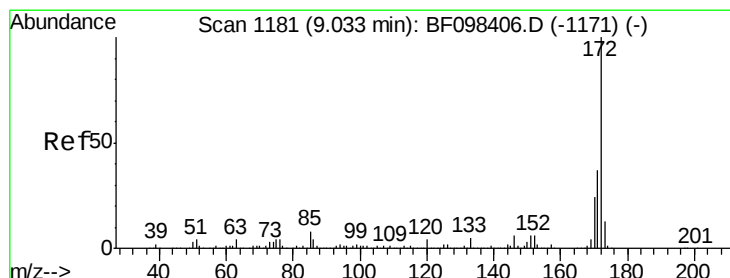
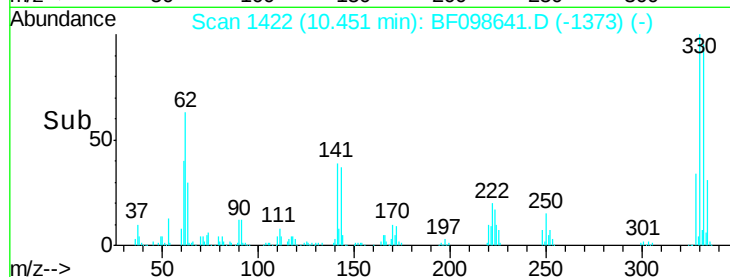
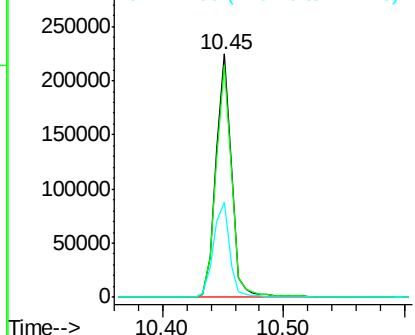
#41
 2,4,6-Tribromophenol
 Concen: 140.371 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Tgt Ion: 330 Resp: 198068
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 41.4 31.4 47.2

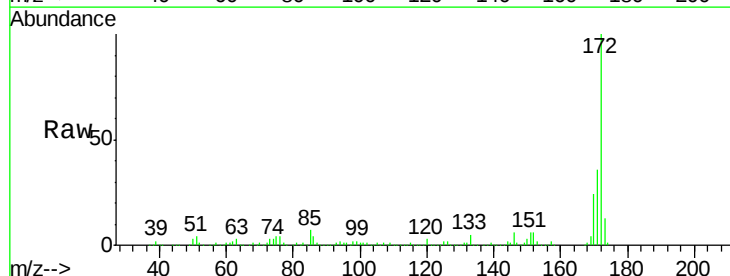


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

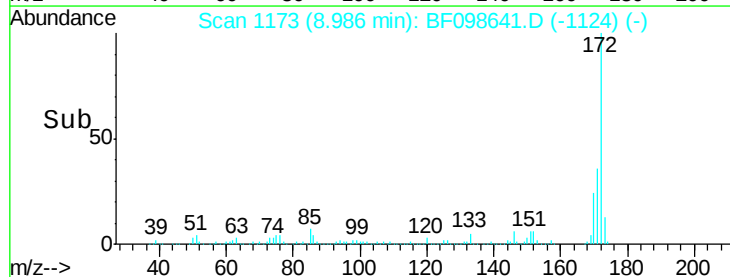
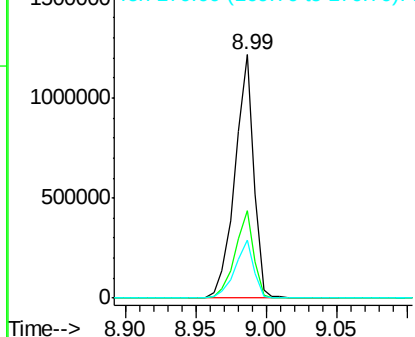


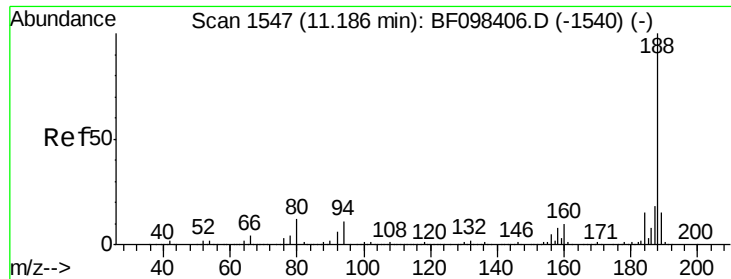
#44
 2-Fluorobiphenyl
 Concen: 90.450 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Tgt Ion: 172 Resp: 1128236
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

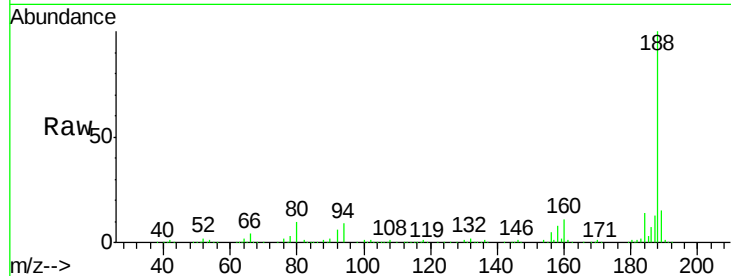




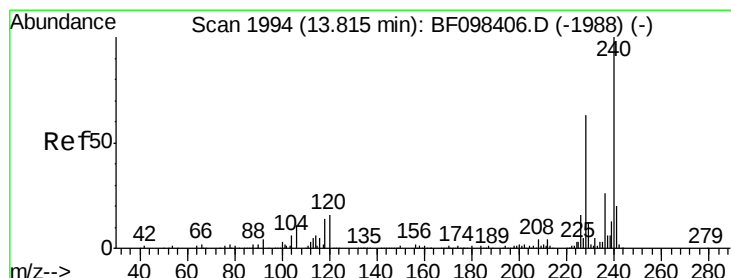
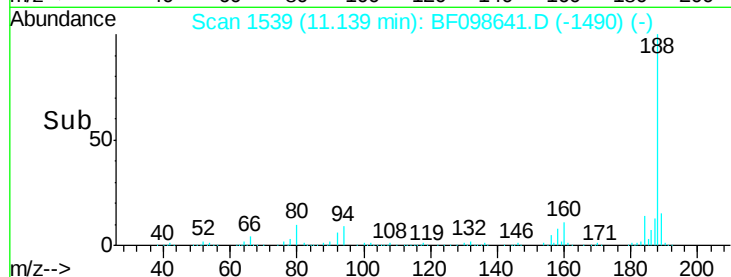
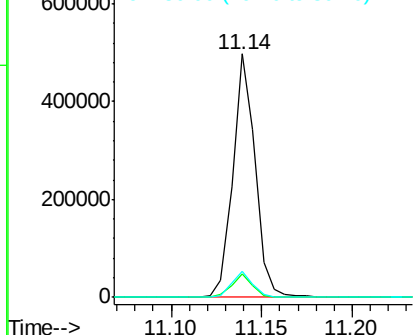
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Tgt Ion:188 Resp: 428107
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2
80 10.5 10.2 15.2

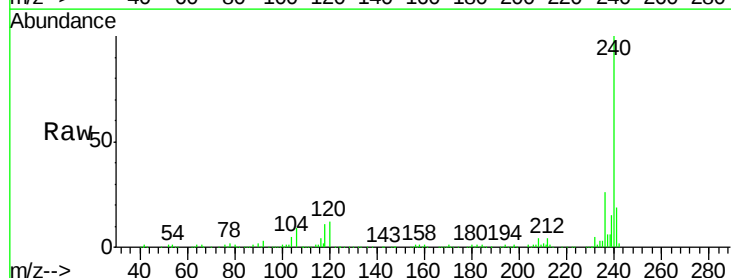


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

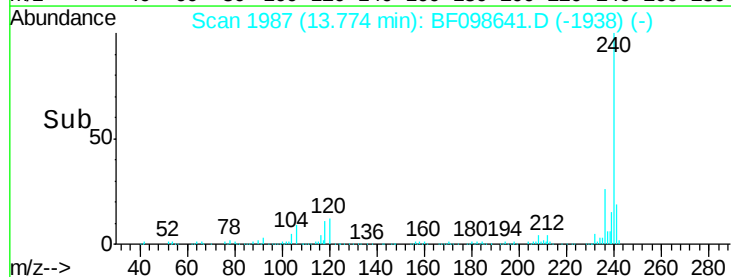
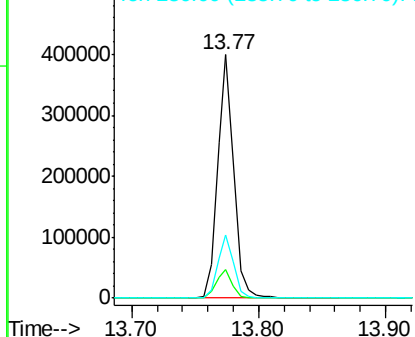


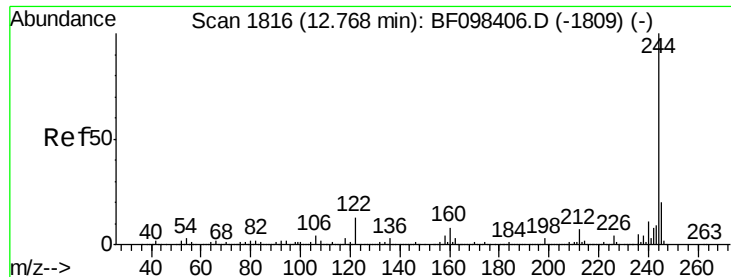
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Tgt Ion:240 Resp: 356894
Ion Ratio Lower Upper
240 100
120 11.9 5.8 8.8#
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.609 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Instrument :

BNA_F

ClientSampleId :

PB102381BL

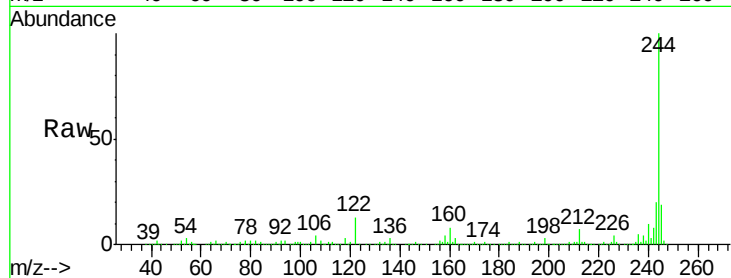
Tgt Ion:244 Resp: 1101350

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

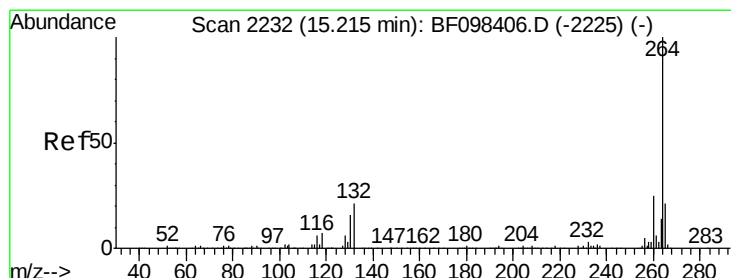
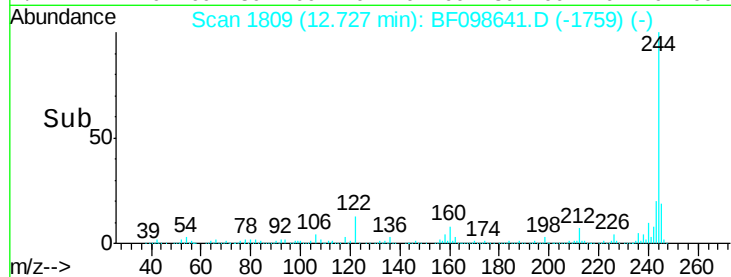
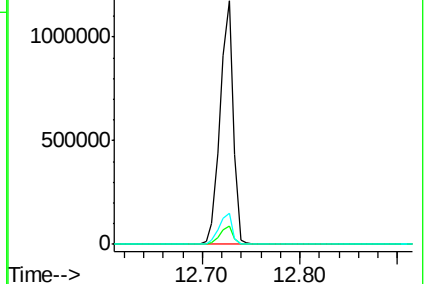
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

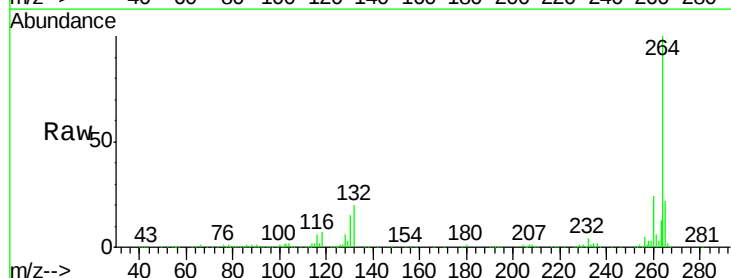
Tgt Ion:264 Resp: 303709

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

